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| **Hyatt Orlando** | **Orlando, FL** | **Host: Cingular Wireless** |

**Tuesday January 8, 2002     1:00 pm – 5:00 pm**

Attendance:

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| --- | --- | --- | --- |
| **Name** | **Company** | **Name** | **Company** |
| Paul LaGattuta | AT&T | Jean Anthony | Telecom Software |
| H.L. Gowda | AT&T | John P. Malyar | Telcordia Technologies |
| Anne Cummins | ATTWS | Colleen Collard | Tekelec (phone) |
| Dave Cochran | BellSouth (phone) | Dave Garner | Qwest (phone) |
| Ron Steen | BellSouth | Gary Sacra | Verizon |
| James Grasser | Cingular Wireless | Jason Lee | WorldCom |
| Maggie Lee | Illuminet | Steve Addicks | WorldCom |
| Rick Jones | NENA (phone) | Marcel Champagne | Neustar |
| Gene Johnston | Neustar | Sharon Bridges | Verizon (phone) |
| Charles Ryburn | SBC | Dennis Robbins | ELI (phone) |
| Leah Luper | SBC | Robert T. Jones | US Cellular Corp. |
| Mike Panis | ESI | Richard Scheer | Neustar |
| Barry Bishop | Neustar | Mary Briend | Sprint PCS |
| Kathleen Tedrick | Sprint (phone) | Rick Dressner | Sprint PCS |
| Linda Godfrey | Verizon Wireless | Gene Perez | TSI |
| Jason Cope | TeleSynthesis, Inc. | Lonnie Keck | ATTWS |
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**Review of Previous Month’s Minutes:**

The team reviewed the December meeting minutes and corrections were made.  They are now marked as final and will be distributed with the draft of the November minutes.

**Problem / Issues Management (PIMs):**

**PIM-1: Reseller Role in Porting Process.**

The LNPA-WG has agreed to a single process in which the wireline resellers rely on their underlying network provider to co-ordinate provisioning of a ported number.  Meanwhile, back at the Wireless NP Operations subcommittee, a wireless reseller is expected to communicate directly with the other service provider; the underlying network providers do not communicate with one another.  An obvious dilemma is presented when an inter-species port occurs.

One wire*line* service provider at the LNPA-WG opposes the agreed-to reseller flow.  There also continues to be some confusion over various company positions held at OBF versus those held at the LNPA-WG.  Further, at least one wire*less* service provider at the WNPO opposes the wireless reseller flow.  The reseller involvement ultimately to be required in the NANC provisioning process for ported numbers remains unsettled.

**AGREEMENT REACHED:**

**1)       The LNPA WG should proceed, as planed to update the NANC flows and narratives, reflecting the NNPO recommendation.**

**2)       The WNPO will review and update the July 30, 1999 NANC flows and narratives as they relate to wireless resellers.**

3)       **The WNPO will provide the LNPA WG a copy of any changes resulting from their review of all NANC flows and narratives for inclusion in the final inter-species flows.**

**PIM-5:   Unilateral Back-out of Inadvertent Port.**

The NIIF sent Issue 190 for initial closure.  The NAPM/LLC expects to receive the final SOW relating to this PIM and vote on it  during their January meeting.

**PIM-6:   Modify 911 Record Migration Process & End User Move Indicator (EUMI)**

Rick Jones reported that NENA is continuing to work on this PIM.

**PIM 11: Moving Blocks between Switches**

This PIM has been referred to INC and the issue number is 319.

**PIM 12: Operator Service Functionality**

Jim Grasser reported that the T1S1.3 Standards document for Operator Services contains

several flows.  The resolution to the PIM was to state in the narratives for these flows that there should be no screening on the billing NPA-NXX, for the purpose of identifying wireline

or wireless service, prior to launching the LIDB / NP-DB query.  This PIM will be closed.

**PIM 13:  Premature Disconnects**

The official NANC provisioning process flows (submitted to the FCC in Report dated April 1997) clearly presume that the old SP disconnect occurs after the new SP has activated the ported customer into its network.  But the flows deal only with a "happy path" scenario and presume the port has occurred as per the LSR due date agreement.  Absent an unambiguous statement concerning what should trigger the removal of the old SP's translations, some service providers have designed their disconnect processes to rely solely on the LSR process to schedule their disconnects.  A consequence is that by design, the old SP's translations can be removed even when a port has not occurred.

An edit to the process flow description for ports using the 10-digit unconditional trigger will be made, adding text to describe acceptable triggers for removal of the old SP switch translations.  Listed below are the three triggers voted as acceptable methods to meet the objective of avoiding disconnecting a customer at the old SP's switch before the port actually occurs.  (ELI opposed accepting alternative 3).

1. Rely on evidence that port has occurred, either by monitoring for receipt of NPAC broadcast as the trigger for removing the translations or by doing a query to confirm that the NPAC broadcast has been made before allowing the translations to be removed.  Or,

2.  Schedule disconnect developed in LSR/FOC process, but no earlier than 11:59 PM of*the day after the due date*.  Or,

3.  Schedule disconnect for 11:59 PM on the due date, but accept and act on an LSR Supplement submitted to change due date provided the Supp is received no later than 9:00 PM local time on the due date.

Both the *NANC LNPA T&O Requirements Task Force Report,* dated April 25, 1997, and the *NANC LNPA-WG 2nd Report on Wireless Wireline Integration,*dated June 30, 1999, contain identical language for box 9 of the process description text for Provisioning With Unconditional 10-Digit Trigger. The text reads, *"After update of its databases the Old Service Provider removes translations associated with the ported TN.  The specific time for removal may be specified on a regional basis."*

As a result of the LNPA-WG's agreement, the text for box 9 will be revised to reflect the LNPA-WG's agreement and will read, *"After update of its databases, the old Service Provider removes translations associated with the ported TN.  The removal of these translations will not be done until the old Service Provider has evidence that the port has occurred, or will not be scheduled earlier than 11:59 PM of the day after the due date, or will be scheduled for 11:59 PM on the due date but can be changed by an LSR supplement received no later than 9:00 PM on the due date if submitted in accordance with local practices governing LSR exchange."*

**PIM 14: Disconnect of NXX Code with Ported TNs**

This PIM has been referred to the INC as issue number 295 and is in initial closure.

**PIM 15: NXX Codes Ownership Changes**

This PIM has been referred to INC.

**PIM –16:Removing Portability Designation on NXXs in the LERG**

The issue is being worked in the Common Interest Group on Rating and Routing (CIGRR Issue No. C083).  CIGRR is scheduled to meet at the end of January.

**PIM – 17: (NEW) Mandatory Requirement for Use of Unique SPID for Wireless & Wireline Providers in the Same Company:**

"**Some carriers offer both wireless and wireline services.  With the integration of the wireless industry into Local Number Portability, there needs to be an efficient way for other carriers to determine whether a request to port a number comes from the wireline or the wireless division of that company."**

PIM 17 requests the LNPA WG consider REQUIRING the use of a different SPID, when a company owns both wireless and wireline operations.  During the December NENA meeting, their technical committee documented the recommendation for the use of a unique SPID as described in this PIM.  The LNPA WG decided not to request Neustar perform edits in the NPAC, as stated in the PIM, within the "Suggested Resolution" section.

**AGREEMENT REACHED:**

**1) The LNPA WG accepted this PIM.**

**2) The LNPA WG agreed to make the use of a unique SPID, for each wireless and wireline operation, within same company a mandatory REQUIREMENT.**

**3) Charles Ryburn will refer this recommendation to the NAPM LLC for their consideration and request Neustar to develop M&P documenting this agreement/requirement.**

**PIM – 18: Update NANC Flows and Narratives Relating to Wireless Providers.**

            When the LNPA WG closed PIM 1, last year, it was for wireline providers.  Some of the wireless providers use resellers and need to develop flows reflecting their requirements.  The second part of PIM 18 involves the complete review of the NANC flows and associated narratives.  Questions were raised relating to the wireline to wireless integration flows.

**AGREEMENT REACHED:**

**1)       The LNPA WG accepted this PIM.**

**2)       The WNPO will develop flows reflecting the use of resellers.**

**3)       The WNPO will review the flows and narratives as published with the date of July 30, 1999.**

**4)       The draft flows and narratives will be presented to the full LNPA WG in the near future.**

**Wednesday January 9, 2002  8:30 – 5:00pm**

Attendance:

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| --- | --- | --- | --- |
| **Name** | **Company** | **Name** | **Company** |
| Paul LaGattuta | AT&T | Jean Anthony | Telecom Software |
| H.L. Gowda | AT&T | John P. Malyar | Telcordia Technologies |
| Anne Cummins | ATTWS | Colleen Collard | Tekelec (phone) |
| Dave Cochran | BellSouth (phone) | Dave Garner | Qwest (phone) |
| Ron Steen | BellSouth | Gary Sacra | Verizon |
| James Grasser | Cingular Wireless | Jason Lee | WorldCom |
| Maggie Lee | Illuminet | Steve Addicks | WorldCom |
| Rick Jones | NENA (phone) | Marcel Champagne | Neustar |
| Gene Johnston | Neustar | Sharon Bridges | Verizon (phone) |
| Charles Ryburn | SBC | Dennis Robbins | ELI (phone) |
| Leah Luper | SBC | Robert T. Jones | US Cellular Corp. |
| Mike Panis | ESI | Richard Scheer | Neustar |
| Barry Bishop | Neustar | Mary Briend | Sprint PCS |
| Kathleen Tedrick | Sprint (phone) | Rick Dressner | Sprint PCS |
| Linda Godfrey | Verizon Wireless | Gene Perez | TSI |
| Jason Cope | TeleSynthesis, Inc. | Lonnie Keck | ATTWS |
| Sharon Bridges | Verizon | Dawn Lawrence | XO (phone) |
| Rob Coffman | Neustar (phone) | Darius Irani | Neustar (phone) |
| Lisa Marie Maxson | Telecom Software (phone) | Beth Watkins | AT&T (phone) |
| Ron Stutheit | ESI (phone) |  |  |
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**Release 3.1 Update:**

**Northeast Region** - Neustar reported that group testing was delayed until after the holidays.  Point Release 3.1.0.2 was installed on the "GRAND" test-bed on January 2nd.  The group testing will begin on January 10th and it is anticipated that a majority of the service providers will be ready to start group testing.  Neustar also stated that they have engineers available to work in the "off-hours" and weekends, with service providers who have not completed their regression testing.  Neustar advised the LNPA WG that, as a results of the maintenance activity over the weekend, the shared libraries in the point release were installed incorrectly and this resulted in approximately 60% of the test bed unavailable for testing Monday, January 7th in the morning.  The service providers who were scheduled for the AM block of testing, on Monday, will receive a credit.  Neustar feels, at this point in time, they are on schedule for the Northeast Region.  The preliminary "go/no-go" date is listed in the Project Schedule.

**Super Region** - The service providers are in the process of being scheduled now.  The only "blackout" dates will be during the Northeast Region's turn-up performance and volume testing.  No service providers have started testing in the Super Region, as of this date.

**Change Management/Testing:**

            The LNPA WG started to review the non-implemented NANC change orders that were sent out to the group on 12/21/01, by Jean Anthony.  The review will include Business Needs and Description of Change in preparation for rating them.   Time did not permit a complete review of the list, and it was decided to continue this evaluation during our February meeting with hopes of prioritizing in March.

When one of the very old accepted change orders was discussed -- ILL 5, which allows multiple associations for the same SPID -- Neustar mentioned the problem of ghost associations.  These are cases where a user appears to send a bind request and then, without canceling the first bind request, sends another bind request.  The NPAC is partially able to comply with ILL 5 already and so the NPAC software allows these multiple associations to exist.  When the situation occurs, the real association may not receive all (or even any) data that NPAC broadcasts. Neustar explained they are reluctant to remove the software capability that allows these multiple associations to exist while ILL 5 remains a potential change order.

**Wireless Testing Sub-Committee (WTSC) Report:**

            The WTSC co-chairs Mark Wood Cingular Wireless and Jennifer Chartraw AT&T Wireless gave a presentation (see attached) related to their subcommittee's activities to the LNPA WG.

Following the WTSC presentation, the LNPA WG expressed concern relating to the possibility of some wireless service providers turning up their network for LNP, before they have completed testing (to ensure that they do not cause any harm to the public switch network).  The co-chairs of the WNPO responded that their subcommittee would issue an advisory to all of the wireless community.  They will state that wireless providers should not turn up their networks before completing all of the LNP tests, and if a service provider needs additional time to complete the testing, they must request a waiver from the FCC for a delay in implementing porting/pooling.

**Long Term Interface Solution:**

**Possible Elimination of Association Aborts due to Time Outs:**

The LNPA WG had a long discussion on this topic.  Some of the questions and suggestions involved the following:

·         How to deal with service providers who fall behind?

·         What are the impacts on the interfaces?

·         The complete elimination of aborts will not eliminate the problem.

**ACTION ITEM: Our goal is to develop a NANC change order.  Charles Ryburn will send an email, in advance of the next meeting, stating our goal.  The following was taken from the email sent on January 11, 2002:**

***"On Wednesday, February 6 at 8:30 AM CST, the LNPA Working Group will discuss the effects of removing NPAC aborts and the impact on business operations, timers, etc.  Service Providers and Vendors are encouraged to come prepared to discuss or provide contributions.  The overall goal of this exercise is the issuance of a change order that can be prioritized as part of the next "future change order package."  This discussion is part of the on-going Long Term Interface Solution."***

Jim Rooks Neustar views the aborts and long-term interface solution as all part of the same issue.  The LNPA WG agreed.

During the review of last month's minutes, relating to the Long Term Interface Solution, we ask Jim Rooks Neustar for clarification of some of his responses to questions from the vendor call (November 29, 2001).  During our discussion, the following agreement was reached.

**AGREEMENT REACHED: LSMS/SOA system capacity must meet the projected industry offered load.  The LNPA WG is the source for the projected industry offered load.**

**Wireless Number Portability Operations Report:**

·         Plan to ask the FCC if they will be expanding the top 100 MSA(s).  FCC Order will cause a huge expansion of coverage with the inclusion of the CMSA(s) in the new “top 100 “ list.

·         Bona Fide Request (BFR) will not be required for switches and codes within the top 100 MSA(s).  Also, the BFR forms and checklist was developed.

·         Agreement reached on a recommendation to always default the timestamp to 0:00 for inter-species ports so that the Subscription Versions would match.

·         Prevailing time zones & NPAC tunable(s) were reviewed. The final decision was to set the Long Business Day Duration to 12 hours for all regions and to set the Long Business Day Start Time to 9:00A by region. (A letter will be sent to the NAPM LLC requesting the tunable(s) be set to these values beginning in March.  A second letter will be sent at a later time with a request to re-set the tunable(s) for production and a requested effective date.)

·         A contribution for the migration of Type 1 numbers was discussed.

·         The Risk Assessment Report was reviewed.  The final document will be forwarded to the NANC Chair for the March meeting.

·         The NPAC maintenance windows were discussed and the suggestion was to use a 3:00A to 9:00A Sunday window.

·         There was brief discussion on the re-homing of codes on wireless switches in an LNP compliant environment (MIN – MDN separation) and that wireless service providers may need to re-home based on MIN codes instead of MDN(s).

·         Neustar provided an update on requests by wireless service providers for an NDA/SPID assignment and to schedule New Entrant testing.

·         Assignment of Cause Code 26 was discussed.

·         There were brief discussions on NPAC readiness for wireless participation in LNP – Neustar states that they are fully compliant with the terms of the contract with the NAPM LLC.

·         Number portability capacity numbers will be changed because the number of new ports was low and that number will be increased.

·         PIM 18 was opened so that the wireless reseller flows would be added to the rest of the NANC flows for review during the February meeting.

·         The FCC Order contained a reference to pooling blocks outside of the rate center based on PIM 11 language.  This is incorrect the LNPA WG will send a letter to the FCC concerning this error.

·         Brief discussion on order exchange between wireless and wireline service providers for LNP and the fact that the wireline forms would need to be used.

·         The NBP will be forwarded to the FCC for their approval.

·         The Neustar has requested that the wireless service provider stager their code opening date in the NPAC.  They are also updating the LERG "effective" date.

One suggestion from the LNPA WG was the inclusion of tests related to pooling to the WTSC test plan.

**Thursday January 10, 2002 8:00 – 12:00 pm**

Attendance:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Company** | **Name** | **Company** |
| Paul LaGattuta | AT&T | Jean Anthony | Telecom Software |
| H.L. Gowda | AT&T | John P. Malyar | Telcordia Technologies |
| Anne Cummins | ATTWS | Colleen Collard | Tekelec (phone) |
| Dave Cochran | BellSouth (phone) | Dave Garner | Qwest (phone) |
| Ron Steen | BellSouth | Gary Sacra | Verizon |
| James Grasser | Cingular Wireless | Jason Lee | WorldCom |
| Maggie Lee | Illuminet | Steve Addicks | WorldCom |
| Rick Jones | NENA (phone) | Marcel Champagne | Neustar |
| Gene Johnston | Neustar | Sharon Bridges | Verizon (phone) |
| Charles Ryburn | SBC | Dennis Robbins | ELI (phone) |
| Leah Luper | SBC | Robert T. Jones | US Cellular Corp. |
| Mike Panis | ESI | Richard Scheer | Neustar |
| Barry Bishop | Neustar | Mary Briend | Sprint PCS |
| Maria Kalminski | Sprint (phone) | Rick Dressner | Sprint PCS |
| Linda Godfrey | Verizon Wireless | Gene Perez | TSI |
| Jason Cope | TeleSynthesis, Inc. | Lonnie Keck | ATTWS |
| Rob Coffman | Neustar (phone) | Dawn Lawrence | XO (phone) |
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**Meeting Schedule:**

**2002 Meeting Schedule:**

LNPA WG:                                            Host:

January 8 - 10                                        Cingular Wireless – Orlando, FL

February 5 -7                                         BusinessEdge Solutions - Dallas

March 5 - 7                                            SBC – St. Louis

April 9 - 11                                            Sprint, Kansas City

May 14 - 16                                           AT&T Wireless, Redmond, WA

June 11 - 13                                          AT&T – Location TBD

July 9 - 11                                             US Cellular - Chicago

August 13 - 15                                       Canadian Consortium, Vancouver, British Columbia,Canada

September 17 - 19                                 Verizon, Baltimore, MD

October 15 - 17                                      ESI, Denver, CO

November 12 - 14                                 Cox Communications- Atlanta

December 10 - 12                                 Nextel Partners – Las Vegas

**New Business:**

**Mass Update Volume Limitation:**

Neustar conceded that NPAC is limited to about 1,000 updates per hour in the release 2.0 regions, but explained that this limitation will rise about eight-fold with the introduction of release 3.1.  It is unclear whether there is also a user limitation.  Neustar is observing current mass updates to identify a pattern of failure on the SP side and will report their findings.

**ACTION ITEM: The LNPA WG requested that "load-testing" be in the project plan.  Marcel Champagne - Neustar will follow-up on this request and report back next month.**

**Load Testing with Vendors**

We discussed the feasibility of doing load testing sooner, with the vendors, to allow more time for a service provider to react if its system were inadequate.  Neustar pointed out that performance testing with the users would be done well before cutover if the schedule were not compressed.  There was some thought that this topic had been discussed before; the co-chairs will review past meeting minutes to investigate (slow-horse chair will review slow horse meeting minutes).

**Edits for NPAC Network Data**

The group agreed to ask the LLC to direct Neustar to delete NPA-NXX entries upon request where the entry involved an NPA not served by the NPAC region.  We discussed without conclusion the need for NPAC to validate NXX ownership before accepting data entry.

**Next Meeting**

The next meeting is scheduled for February 5th-7th at Dallas hosted by BusinessEdge Solutions.